

(DANRE) opn1sw1 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21179a

Specification

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Product Information

Primary Accession [Q9W6A9](#)

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Additional Information

Gene ID 30582

Other Names

Opsin-1, short-wave-sensitive 1, Opsin SWS-1, Ultraviolet cone photoreceptor pigment, Ultraviolet-sensitive opsin, opn1sw1, opn1sw2, sws1, uvops

Target/Specificity

The synthetic peptide sequence is selected from aa 15-27 of HUMAN opn1sw1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Protein Information

Name opn1sw1

Synonyms opn1sw2, sws1, uvops

Function

Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Retinal short single cones, outer and inner segments.

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Images

(DANRE) opn1sw1 Blocking Peptide (N-Term) - Background

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(DANRE) opn1sw1 Blocking Peptide (N-Term) - References

Vihtelic T.S., et al. Vis. Neurosci. 16:571-585(1999).
Chinen A., et al. Genetics 163:663-675(2003).